

**Natural Resources Conservation Service**

**Application Ranking Summary**

**Kealakekua Field Office FA**

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| <b>Program:</b>                                 | <b>Ranking Date:</b> | <b>Application Number:</b> |
| <b>Ranking Tool:</b> Kealakekua Field Office FA |                      | <b>Applicant:</b>          |
| <b>Final Ranking Score:</b>                     |                      | <b>Address:</b>            |
| <b>Planner:</b>                                 |                      | <b>Telephone:</b>          |
| <b>Farm Location:</b>                           |                      |                            |

**National Priorities Addressed**

| Issue Questions   | Responses   |
|---|---|
| 1. Will the treatment you intend to implement using EQIP result in considerable reductions of non-point source pollution, such as nutrients, sediment, pesticides, excess salinity in impaired watersheds consistent with TMDL's where available as well as the reduction of groundwater contamination or point source contamination from confined animal feeding operations? | Yes <input type="radio"/> or No <input type="radio"/> |
| 2. Will the treatment you intend to implement using EQIP result in the conservation of a considerable amount of ground or surface water resources?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 3. Will the treatment you intend to implement using EQIP result in a considerable reduction of emissions, such as particulate matter, nitrogen oxides (NOx), volatile organic compounds, and ozone precursors and depleters that contribute to air quality impairment violations of National Ambient Air Quality Standards?   | Yes <input type="radio"/> or No <input type="radio"/> |
| 4. Will the treatment you intend to implement using EQIP result in a considerable reduction in soil erosion and sedimentation from unacceptable levels on agricultural land?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 5. Will the treatment you intend to implement using EQIP result in a considerable increase in the promotion of at-risk species habitat conservation?  | Yes <input type="radio"/> or No <input type="radio"/> |

**State Issues Addressed**

| Issue Questions  | Responses   |
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| 1. Will the proposed contract address animal waste concerns by reducing the chance of water pollution caused by run-off and soil contamination caused by excess manure and nutrients associated with AFO and CAFO Operations?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 2. Will the project address inadequate water supplies by increasing the application efficiency of the current irrigation system or livestock water delivery system, or convert the existing system to a more water efficient system, or implement soil moisture conservation measures? | Yes <input type="radio"/> or No <input type="radio"/> |
| 3. Will the project promote the recovery of habitat for listed threatened and endangered (T&E) species, listed species of concern, or listed candidate species?  | Yes <input type="radio"/> or No <input type="radio"/> |

**Local Issues Addressed**

| Issue Questions  | Responses   |
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| 1. Is your existing water source inadequate such that it does not provide for plant or livestock water needs? The County water system IS NOT available to provide for this water demand.   | Yes <input type="radio"/> or No <input type="radio"/> |
| 2. Is your existing water source inadequate such that it does not provide for plant or livestock water needs? The County water system IS available to provide for this water demand.   | Yes <input type="radio"/> or No <input type="radio"/> |
| 3. Will the planned system be changed to increase irrigation application efficiency?   | Yes <input type="radio"/> or No <input type="radio"/> |
| 4. Will the project implement soil moisture conservation measures? Mulching (484), Residue Management, Seasonal (344), Windbreak/Shelterbreak Establishment (380)  | Yes <input type="radio"/> or No <input type="radio"/> |
| 5. Will the project increase the amount of water available for irrigation or livestock? Irrigation Regulating Reservoir (552), Irrigation Storage Reservoir (436), Pond (378), Pond-Sealing or Lining (521A), Water Harvesting Catchment (636), Watering Facility-Tank (614) | Yes <input type="radio"/> or No <input type="radio"/> |
| 6. Will the project deliver and distribute livestock water to facilitate grazing management? Pipeline (516), Watering Facility-Trough (614)  | Yes <input type="radio"/> or No <input type="radio"/> |
| 7. Will vegetative or structural measures be installed to treat sheet and rill erosion on 75 to 100% of the eroded land? (Percentage equals treated acres divided by acres affected by sheet & rill erosion.) Conservation Cover   | Yes <input type="radio"/> or No <input type="radio"/> |

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| (327), Cover Crop (340), Critical Area Planting (342), Filter Strip (393), Firebreak (394), Pasture Planting (512), Range Planting (550), Residue Management - Seasonal (344)   |   |
| 8. Will vegetative or structural measures be installed to treat sheet and rill erosion on 50 to 74% of the eroded land? (Percentage equals treated acres divided by acres affected by sheet & rill erosion.) Conservation Cover (327), Cover Crop (340), Critical Area Planting (342), Filter Strip (393), Firebreak (394), Pasture Planting (512), Range Planting (550), Residue Management - Seasonal (344)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 9. Will vegetative or structural measures be installed to treat sheet and rill erosion on 25 to 49% of the eroded land? (Percentage equals treated acres divided by acres affected by sheet & rill erosion.) Conservation Cover (327), Cover Crop (340), Critical Area Planting (342), Filter Strip (393), Firebreak (394), Pasture Planting (512), Range Planting (550), Residue Management - Seasonal (344)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 10. Will ephemeral gullies, classic gullies or headcuts be treated on non-road areas? Cover Crop (340), Critical Area Planting (342), Diversion (362), Grade Stabilization Structure (410), Grassed Waterway (412), Lined Waterway or Outlet (468), Terrace (600)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 11. Will 75 to 100% of the existing roads be treated for erosion? (Percentage equals feet of treated roads divided by feet of eroded roads in the project area.)  | Yes <input type="radio"/> or No <input type="radio"/> |
| 12. Will 50 to 74% of the existing roads be treated for erosion? (Percentage equals feet of treated roads divided by feet of eroded roads in the project area.)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 13. Will 25 to 49% of the existing roads be treated for erosion? (Percentage equals feet of treated roads divided by feet of eroded roads in the project area.)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 14. Will runoff draining into surface waters or wetlands on or adjacent to the property be adequately buffered by conservation practices that filter sediment? Fence (382) - only if area excluded from livestock will filter sediment before entering a stream or waterbody, Filter Strip (393), Riparian Forest Buffer (391), Sediment Basin (350), a system of Terrace-Gradient (600) and Sediment Basin (350), Terrace-Level (600), Water and Sediment Control Basin (638), Use Exclusion (472) | Yes <input type="radio"/> or No <input type="radio"/> |
| 15. Will feral pigs be excluded from an area to prevent uprooting of vegetation in agricultural areas (i.e., only around orchards or crops) thereby reducing erosion? Fence (382)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 16. Is the weed is considered invasive, noxious or a pest by the Local Work Group (see Local Work Group's targeted weed list)? And, is the applicant willing to control the targeted weed? Brush Management (314), Pest Management (595), Prescribed Grazing (528A)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 17. Is the weed to be controlled fireweed ( <i>Senecio madagascariensis</i> ) or fountaingrass ( <i>Pennisetum setaceum</i> ) - the Hawaii Department of Agriculture's top weeds of concern?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 18. Will the applicant revegetate the entire treated area?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 19. Will the applicant address deforestation by planting trees? Tree/Shrub Establishment (612)  | Yes <input type="radio"/> or No <input type="radio"/> |
| 20. Will the applicant reforest with native trees? Tree/Shrub Establishment (612)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 21. Will the project promote the recovery of habitat for listed threatened and endangered (T&E) species, listed species of concern, or listed candidate species? And, will it address the threat to the species? -or- Is the project within a Critical Habitat Area as identified by the U.S. Fish & Wildlife Service? And, will the project promote habitat recovery and address the threat to the species?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 22. Will the project promote the recovery of habitat for the native damselflies, native aquatic animals, native seabirds, native waterbirds, or migratory birds? And, will it address the threat to the species? -or- Will the project promote habitat for native forest birds or native tree snails, or protect native forest areas? And, will it address the threat to the species?   | Yes <input type="radio"/> or No <input type="radio"/> |
| 23. Does the at-risk species to be addressed considered globally imperilled? Reference: Listed as "Global 1" in the Hawaii Natural Heritage Database  | Yes <input type="radio"/> or No <input type="radio"/> |
| 24. Will the project promote the recovery of native plant communities threatened by development pressures, invasive species (e.g., feral animals, noxious weeds), domestic livestock, or fire?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 25. Is the threat to be controlled Caribbean Frogs ( <i>Coqui &amp; Greenhouse</i> ), Little Fire Ant, or Nettle Caterpillar - the Hawaii Department of Agriculture's top insect & vertebrate pests of concern?   | Yes <input type="radio"/> or No <input type="radio"/> |
| 26. Is there a HIGH likelihood for success in recovery of the at-risk species habitat?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 27. Is there a MEDIUM likelihood for success in recovery of the at-risk species habitat?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 28. Is there a LOW likelihood for success in recovery of the at-risk species habitat?   | Yes <input type="radio"/> or No <input type="radio"/> |
| 29. Does the project site drain to a coral reef ecosystem? And, will the planned practices reduce the amount of pollutants that will drain to the coral reef ecosystem?   | Yes <input type="radio"/> or No <input type="radio"/> |

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| 30. Will clean water runoff (surface or roof runoff) be diverted away from animal confinement areas? Diversion (362), Grassed Waterway (412), Lined Waterway or Outlet (468), Roof Runoff Structure (558)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 31. Will the amount of wash water be reduced by changing to a dry litter system?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 32. If not, will the amount of wash water be reduced by another method such as a change in sprinkler nozzles, reducing washing time, or a change in cleaning procedures?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 33. Will animal waste be properly handled, stored and transported to prevent water pollution? Composting Facility (317), Manure Transfer (634), Pond (378), Pond Sealing or Lining (521A), Waste Storage Facility (313), Waste Treatment Lagoon (359)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 34. Will manure be properly applied to the applicant's land to utilize the nutrients & organic matter? Manure Transfer (634), Nutrient Management (590), Waste Utilization (633)  | Yes <input type="radio"/> or No <input type="radio"/> |
| 35. Will animal carcasses be composted or incinerated? Animal Mortality Facility (316), Composting Facility (317)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 36. Does the project area drain to a Water Quality Limited Segment (WQLS)? And, do the planned practices reduce the amount of pollutant that will drain to the receiving waters?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 37. Is the project site located in a watershed with a Total Maximum Daily Load (TMDL) or Watershed Restoration Plan? And, do the planned practices reduce the amount of pollutant that will drain to the receiving waters?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 38. Is the project site located in an approved Public Law 566 watershed operation or planning area? And, do the planned practices address the identified resource concern?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 39. Does the project site drain to a coral reef ecosystem? And, will the planned practices reduce the amount of pollutants that will drain to the coral reef ecosystem?   | Yes <input type="radio"/> or No <input type="radio"/> |
| 40. Is the project site located in or adjacent to a U.S. Fish & Wildlife Service proposed "Critical Habitat" area, or located in an area with threatened & endangered species based on field observations or information from the Hawaii Biodiversity & Mapping Program? And, do the planned practices address the species? | Yes <input type="radio"/> or No <input type="radio"/> |
| 41. Did the applicant have a District Conservationist and Participant signed Conservation Plan by the end of last fiscal year (9/30/06)?  | Yes <input type="radio"/> or No <input type="radio"/> |
| 42. Will the project change nutrient management techniques (i.e., timing, rate, placement, etc.) to reduce the risk of polluting surface or ground water? Nutrient Management (590)   | Yes <input type="radio"/> or No <input type="radio"/> |
| 43. Will the project change pest management techniques to reduce the risk of polluting surface or ground water with pesticides? Pesticides must currently be used and Pest Management (595) will be implemented.  | Yes <input type="radio"/> or No <input type="radio"/> |

**Land Use:**

| Resource Concerns | Practices |
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**Ranking Score**

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| Efficiency:<br><br>Local Issues:<br><br>State Issues:<br><br>National Issues:<br><br><b>Final Ranking Score:</b> |
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This ranking report is for your information. It does not in any way guarantee funding. When funding becomes available, you will be notified if your application is selected for funding. Some changes to the application may be required before a final contract is awarded.

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| <b>NRCS Designated Conservationist:</b> | <b>Applicant Signature Required for Contract Development:</b> |
| <b>Signature Date:</b>                  | <b>Signature Date:</b>  |